AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A composition comprising polyaniline ~~(PANI),~~ with poly(2-acrylamido-2-methyl-1-propanesulfonic acid) as the counterion (PANI/PAAMPSA), ~~and an amount of~~ poly(styrenesulfonic acid) (PSS), and polyacrylamide (PAM), wherein the PANI/PAAMPSA:PSS weight % ratio is in the range of about 1:0.05 up to about 1:2, and the PANI/PAAMPSA:PAM weight % ratio is in the range of about 1:0.5 up to about 1:2. ~~sufficient to reduce the conductivity of said composition.~~

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Original) A composition according to claim 1, wherein the PANI/PAAMPSA:PSS weight % ratio is in the range of about 1:0.2 up to about 1:1.

6. (Canceled)

7. (Canceled)

8. (Canceled)

9. (Canceled)

10. (Canceled)

11. (Currently Amended) A high resistance film comprising polyaniline with poly(2-acrylamido-2-methyl-1-propanesulfonic acid) as the counterion (PANI/PAAMPSA), poly(styrenesulfonic acid) (PSS), and polyacrylamide (PAM), wherein the PANI/PAAMPSA:PSS weight % ratio is in the range of about 1:0.05 up to about 1:2, and the PANI/PAAMPSA:PAM weight % ratio is in the range of about 1:0.5 up to about 1:2. ~~PANI/PAAMPSA and PSS.~~

12. (Canceled)

13. (Original) A high resistance film according to claim 11, wherein said film has a conductivity less than about 1×10^{-4} S/cm.

14. (Original) A high resistance film according to claim 11, wherein said film has a conductivity less than about 1×10^{-6} S/cm.

15. (Original) A high resistance film according to claim 11, wherein said film can be dried at temperatures of less than about 90°C.

16. (Canceled)

17. (Canceled)

18. (Canceled)

19. (Canceled)

20. (Currently Amended) An electronic device comprising a high resistance buffer layer comprising polyaniline with poly(2-acrylamido-2-methyl-1-

propanesulfonic acid) as the counterion (PANI/PAAMPSA), poly(styrenesulfonic acid) (PSS), and polyacrylamide (PAM), wherein the PANI/PAAMPSA:PSS weight ratio is in the range of about 1:0.05 up to about 1:2, and the PANI/PAAMPSA:PAM ratio is in the range of about 1:0.5 up to about 1:2.~~PANI/PAAMPSA and PSS.~~

21. (Canceled)

22. (Original) An electronic device according to claim 20, wherein said buffer layer has a conductivity less than about 1×10^{-4} S/cm.

23. (Original) An electronic device according to claim 20, wherein said buffer layer has a conductivity less than about 1×10^{-6} S/cm.

24. (Currently Amended) The electronic device of claim 20, wherein the electronic device comprises ~~a display~~an organic light emitting diode.

25. (Canceled)

26. (Canceled)

27. (Canceled)

28. (New) A composition according to claim 1, wherein the PANI/PAAMPSA:PSS:PAM weight % ratio is in the range of about 1:1:1 to about 1:0.5:1.5.

29. (New) A composition comprising an aqueous solution of polyaniline with poly(2-acrylamido-2-methyl-1-propanesulfonic acid) as the counterion (PANI/PAAMPSA), poly(styrenesulfonic acid) (PSS), and polyacrylamide (PAM), wherein the PANI/PAAMPSA:PSS weight % ratio is in the range of about 1:0.05 up to about 1:2, and the PANI/PAAMPSA:PAM weight % ratio is in the range of about 1:0.5 up to about 1:2, wherein said aqueous solution is subjected to sonication treatment.

30. (New) A composition according to claim 29, wherein the sonication treatment is carried out in an ultrasonic bath.

31. (New) A composition according to claim 29, wherein the sonication treatment is carried out for from about 1 to about 8 hours.

32. (New) A high resistance film made from the composition of Claim 29.